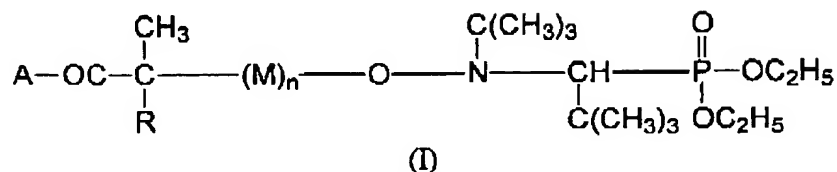


Amendments to the Claims

1. (withdrawn) An alkoxyamine of formula (I):



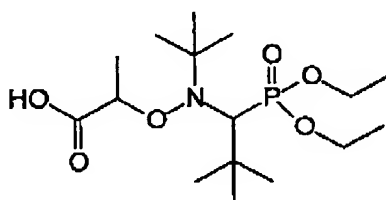
in which A represents a hydroxyl radical; a radical MeO- in which Me represents an alkali metal; an H_4N^+ , Bu_4N^+ or Bu_3HN^+ radical; a chlorine atom; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be equal to 0.

- 2 (withdrawn) The alkoxyamine of Claim 1 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two abovementioned monomers.

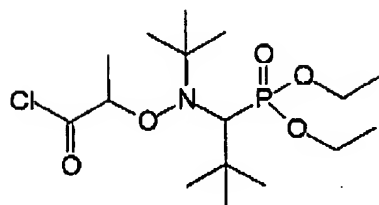
3. (withdrawn) The alkoxyamine of Claim 2 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

4. (withdrawn) The alkoxyamine of Claim 1 wherein said alkali metal ME is selected from the group consisting of Li, Na, K, and mixtures thereof.

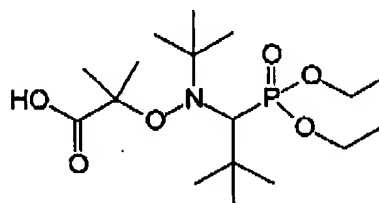
5. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



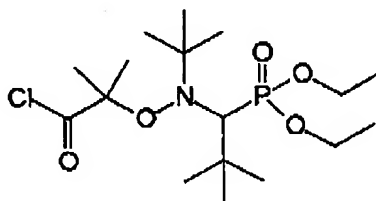
6. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-[N-tert-Butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:



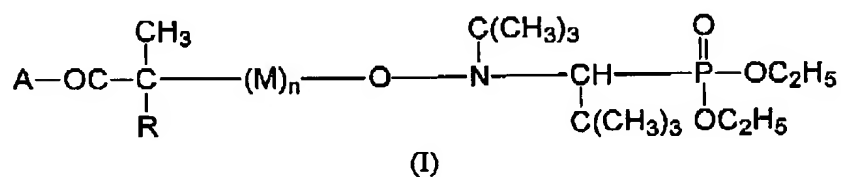
7. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionic acid :



8. (withdrawn) The alkoxyamine of Claim 1 wherein said alkoxyamine is 2-Methyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxy]propionyl chloride:

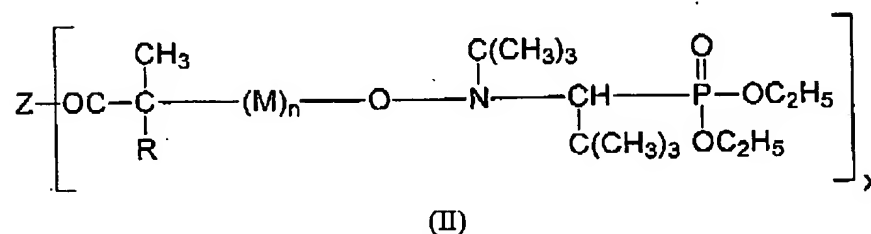


9. (previously presented) A method for preparing a polymerised or non-polymerized mono- or polyalkoxyamine comprising reacting an alkoxyamine of formula (I):



in which A represents a hydroxyl radical, a radical R^1O^\cdot in which R^1 represents a linear or branched alkyl residue containing a number of carbon atoms ranging from 1 to 6; a radical MeO^\cdot in which Me represents an alkali metal; an H_4N^+ -, Bu_4N^+ - or Bu_3HN^+ - radical; a chlorine atom; R represents a hydrogen atom or a methyl radical; M is a free-radical-polymerizable vinyl monomer sequence; n is an integer that may be

equal to 0; to form a polymerised or nonpolymerized mono- or polyalkoxyamine of the formula (II):



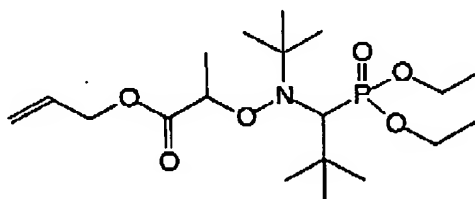
in which R and n have the same meaning as in formula (I); x is an integer at least equal to 1; Z represents a mono- or polyfunctional structure chosen from the structures given below in a non-limiting manner: $\text{CH}_2=\text{CH}-\text{CH}_2-\text{O}-$, $\text{CH}_2=\text{CH}-\text{CH}_2-\text{NH}-$, $\text{CH}_3-(\text{OCH}_2\text{CH}_2)_p-\text{O}-$, $-\text{O}-(\text{CH}_2)_q-\text{O}-$, p and q being integers at least equal to one, or more generally derived from compounds such as alcohols, polyols, amines, polyamines, epoxides, polyepoxides, esters, polyesters, amides, polyamides, imines, polyimines, polycarbonates, polyurethanes and silicones.

10. (previously presented) The method of Claim 9 wherein said alkali metal ME is selected from the group consisting of Li, Na, K, and mixtures thereof.

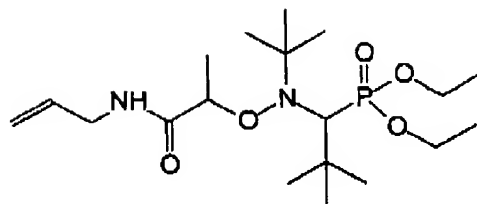
11. (previously presented) The method of claim 9 in which M is styrene, substituted styrenes, dienes, acrylic monomers, methacrylic monomers, acrylonitrile, acrylamide and its derivatives, vinylpyrrolidinone or a mixture of at least two abovementioned monomers.

12. (previously presented) The method of Claim 11 wherein the acrylic monomer is selected from the group consisting of acrylic acid or alkyl acrylates and mixtures thereof; and the methacrylic monomer is selected from the group consisting of methacrylic acid or alkyl methacrylates and mixtures thereof.

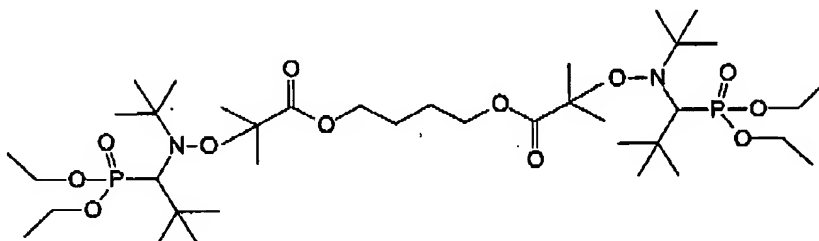
13. (previously presented) The method of Claim 9 wherein said method forms allyl 2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxyl]propionate:



14. (previously presented) The method of Claim 9 wherein said method forms N-allyl-2-[N-tert-butyl-N-(1-diethoxyphosphoryl-2,2-dimethylpropyl)aminoxyl]propionamide:



15. (previously presented) The method of Claim 9 wherein said method forms a dialkoxyamine of formula:



16. (previously presented) The method of claim 9 wherein said method forms a compound of formula (II) in which $x=1$, $n=0$, $R=CH_3$ and $Z=CH_3(OCH_2CH_2)_pO-$.